

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	33	((("20020132389") or ("20030166342") or ("20030036215") or ("20030124462") or ("6,396,975") or ("6,376,787") or ("5,709,802") or ("6,024,801") or ("6,492,309") or ("5,426,070") or ("6,259,551") or ("5,936,758") or ("5,939,785") or ("6,204,085") or ("5,512,374") or ("6,464,892") or ("5,939,785") or ("5,411,769") or ("20020063322") or ("20030064149") or ("6,259,551") or ("5,447,600") or ("5,936,758") or ("5,512,374") or ("6,475,570") or ("20040100677") or ("20040125346") or ("20040012832") or ("20040100594") or ("20040156090") or ("5,835,256") or ("6,046,840") or ("6,844,959") or ("6,867,897") or ("5,287,096") or ("6,204,085") or ("6,300,294") or ("6,086,726")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/29 16:10
S2	3	("6204085").URPN.	USPAT	OR	OFF	2005/11/29 14:43
S3	4	("5061049"   "5498657"   "5583688"   "6024801").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/29 14:52
S4	2	micro\$1mirror\$4 NEAR20 hing\$4 NEAR20 oxidiz\$4	US-PGPUB; USPAT	OR	OFF	2005/11/29 14:54
S5	5	(mirror\$4 OR micro\$1mirror\$4) NEAR20 hing\$4 NEAR20 oxidiz\$4	US-PGPUB; USPAT	OR	OFF	2005/11/30 13:07
S6	1897	(mirror\$4 OR micro\$1mirror\$4) AND (hing\$4 NEAR20 oxidiz\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/29 16:19
S7	1895	S6 AND MEM\$4	US-PGPUB; USPAT	OR	OFF	2005/11/29 15:20
S8	11	(mirror\$4 OR micro\$1mirror\$4) SAME (hing\$4 NEAR20 oxidiz\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/29 15:29
S9	11	("20020185699"   "20030036215"   "20040125347"   "4662746"   "4710732"   "5061049"   "5083857"   "5202785"   "5233456"   "5280277"   "5567334").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/29 15:40
S10	1	("5,018,256").PN.	USPAT	OR	OFF	2005/11/29 16:11
S11	1	("5,083,857").PN.	USPAT	OR	OFF	2005/11/29 16:17
S12	0	S1 AND (hing\$4 NEAR20 oxidiz\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/29 16:18

## EAST Search History

S13	1	(mirror\$4 OR micro\$1mirror\$4) AND (hing\$4 NEAR20 oxidiz\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/29 16:19
S14	6	MEMS\$4 AND (hinge\$4 NEAR20 oxidiz\$5)	US-PGPUB; USPAT	OR	OFF	2005/11/29 16:58
S15	9	MEMS\$4 AND acutat\$4 AND oxidiz\$4	US-PGPUB; USPAT	OR	OFF	2005/11/29 16:58
S17	7194	(mirror\$4 OR micro\$1mirror\$4) AND (micro\$1electro\$1mechanical\$4 OR MEMS\$1)	US-PGPUB; USPAT	OR	OFF	2005/12/07 11:46
S18	1715	S17 AND hinge\$4	US-PGPUB; USPAT	OR	OFF	2005/12/07 11:46
S19	1088	S18 AND etch\$4	US-PGPUB; USPAT	OR	OFF	2005/12/07 11:46
S21	177	S19 AND (hinge\$4 NEAR20 (oxidi\$4 OR oxide\$4))	US-PGPUB; USPAT	OR	OFF	2005/12/08 09:40
S22	50	((("6204085") or ("5548443") or ("6329967") or ("5991066") or ("6028690") or ("6031657") or ("6191883") or ("6147790") or ("6195301") or ("5226099") or ("5535047") or ("5552924") or ("5583688") or ("5631782") or ("5650881") or ("5696619") or ("5703728") or ("5784212") or ("5808780") or ("6266178") or ("6285490") or ("6323982") or ("6447126") or ("6469821") or ("6906848") or ("6107115") or ("6128122") or ("6271955") or ("6452712") or ("5640214") or ("4799283") or ("5257437") or ("6034807") or ("6583921") or ("6795603") or ("6947196") or ("6351330") or ("6798561") or ("6804039") or ("6867897") or ("6873450") or ("6876485") or ("6935759") or ("6936493") or ("6947200") or ("6965468") or ("6970281") or ("4927255") or ("5739941") or ("4842334"))).PN.	USPAT	OR	OFF	2005/12/08 09:38

## EAST Search History

S23	36	("20010002663"   "20020033229"   "20020047172"   "20020121502"   "20020164879"   "20020183051"   "20020185699"   "20020196524"   "20030054588"   "20030071015"   "20030077878"   "20030124848"   "20030166342"   "20030219986"   "3511727"   "4190488"   "4310380"   "4498953"   "5439553"   "5726480"   "5835256"   "6051503"   "6115172"   "6162367"   "6197610"   "6204080"   "6238581"   "6290864"   "6355181"   "6396619"   "6409876"   "6436229"   "6500356"   "6576489"   "6627467").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/01 09:01
S24	2849	(silicon ADJ oxide\$4) SAME (ozone\$4 OR (acetic ADJ acid) OR (hydrogen\$4 ADJ peroxide\$4))	US-PGPUB; USPAT	OR	OFF	2005/12/01 09:35
S25	59	S24 AND (micro\$1electro\$1mechanical\$4 OR MEMS\$1)	US-PGPUB; USPAT	OR	OFF	2005/12/01 09:36
S26	1032	(silicon NEAR20 oxidiz\$4) SAME (ozone\$4 OR (acetic ADJ acid) OR (hydrogen\$4 ADJ peroxide\$4))	US-PGPUB; USPAT	OR	OFF	2005/12/01 10:26
S27	37	S26 AND (micro\$1electro\$1mechanical\$4 OR MEMS\$1)	US-PGPUB; USPAT	OR	OFF	2005/12/01 09:36
S28	487	(silicon NEAR20 oxidiz\$4) SAME ((acetic ADJ acid) OR (hydrogen\$4 ADJ peroxide\$4))	US-PGPUB; USPAT	OR	OFF	2005/12/01 10:32
S29	209	(silicon NEAR20 oxidiz\$4) NEAR20 ((acetic ADJ acid) OR (hydrogen\$4 ADJ peroxide\$4))	US-PGPUB; USPAT	OR	OFF	2005/12/06 09:12
S30	1	("6372662").PN.	USPAT	OR	OFF	2005/12/05 11:35
S31	682	ash\$4 NEAR20 oxygen NEAR20 organic\$4	US-PGPUB; USPAT	OR	OFF	2005/12/05 13:32
S32	7	(silicon NEAR20 oxidiz\$4) NEAR20 (acetic ADJ acid)	US-PGPUB; USPAT	OR	OFF	2005/12/05 14:22
S33	1	("6952302").PN.	USPAT	OR	OFF	2005/12/06 09:03
S34	1	("6960305").PN.	USPAT	OR	OFF	2005/12/06 09:04
S35	1	("6804039").PN.	USPAT	OR	OFF	2005/12/06 09:04
S36	1	("6849471").PN.	USPAT	OR	OFF	2005/12/06 09:04
S37	207	(silicon NEAR20 oxidiz\$4) NEAR20 (hydrogen\$4 ADJ peroxide\$4)	US-PGPUB; USPAT	OR	OFF	2005/12/07 08:41

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S38	28	(silicon NEAR20 oxidiz\$4) NEAR20 (hydrogen\$4 ADJ peroxide\$4) NEAR20 oxygen\$4	US-PGPUB; USPAT	OR	OFF	2005/12/07 08:41
S39	885	(mirror\$4 OR micro\$1mirror\$4) AND (micro\$1electro\$1mechanical\$4 OR MEMS\$1)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 11:46
S40	91	S39 AND hinge\$4	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 11:46
S41	11	S40 AND etch\$4	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 11:47
S42	5892	((216/2,24,58,63,67,79) or (359/290-293)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/08 09:39
S43	7277	(mirror\$4 OR micro\$1mirror\$4) AND (micro\$1electro\$1mechanical\$4 OR MEMS\$1)	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:12
S44	1744	S43 AND hinge\$4	US-PGPUB; USPAT	OR	OFF	2005/12/08 09:40
S45	1100	S44 AND etch\$4	US-PGPUB; USPAT	OR	OFF	2005/12/08 09:40
S46	178	S45 AND (hinge\$4 NEAR20 (oxidiz\$4 OR oxide\$4))	US-PGPUB; USPAT	OR	OFF	2005/12/08 09:40
S47	74	S42 AND S46	US-PGPUB; USPAT	OR	OFF	2005/12/08 09:41
S48	8671	(mirror\$4 OR micro\$1mirror\$4) AND (micro\$1electro\$1mechanical\$4 OR MEMS\$1)	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:16
S49	1	S48 AND ((silicon\$4 NEAR20 oxidiz\$5) NEAR20 (deflect\$6 OR bend\$5 OR deform\$6))	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:40
S50	1216	S48 AND (electro\$1static\$4 NEAR20 (deflect\$6 OR bend\$5 OR deform\$6))	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:39
S51	46	S48 AND (electro\$1static\$4 NEAR20 (deflect\$6 OR bend\$5 OR deform\$6) NEAR20 (silicon\$4 OR Si))	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:40
S52	60	((silicon\$4 NEAR20 oxidiz\$5) NEAR20 (deflect\$6 OR bend\$5 OR deform\$6))	US-PGPUB; USPAT	OR	OFF	2006/06/15 17:40
S53	1	S52 AND (electro\$1static\$4 NEAR20 (deflect\$6 OR bend\$5 OR deform\$6) NEAR20 (silicon\$4 OR Si))	US-PGPUB; USPAT	OR	OFF	2006/06/15 18:15

## EAST Search History

S54	11	(electro\$1static\$4 NEAR20 (deflect\$6 OR bend\$5 OR deform\$6) NEAR20 (oxidiz\$4 OR oxygen\$4))	US-PGPUB; USPAT	OR	OFF	2006/06/15 18:18
S55	56	(electro\$1static\$4 NEAR20 (deflect\$6 OR bend\$5 OR deform\$6) NEAR20 (oxidiz\$4 OR oxygen\$4 OR oxide\$4))	US-PGPUB; USPAT	OR	OFF	2006/06/15 18:18
S56	1626	(deflect\$4 OR bend\$4 OR angle\$4 OR deform\$4 OR deflect\$4 OR flex\$4) NEAR20 oxidiz\$4	US-PGPUB; USPAT	OR	OFF	2006/06/19 09:59
S57	0	(deflect\$4 OR bend\$4 OR angle\$4 OR deform\$4 OR deflect\$4 OR flex\$4) NEAR20 electro\$1static\$4 NEAR20 oxidiz\$4	US-PGPUB; USPAT	OR	OFF	2006/06/19 09:59
S58	13723	(deflect\$4 OR bend\$4 OR angle\$4 OR deform\$4 OR deflect\$4 OR flex\$4) NEAR20 electro\$1static\$4	US-PGPUB; USPAT	OR	OFF	2006/06/19 09:59
S59	13	(deflect\$4 OR bend\$4 OR angle\$4 OR deform\$4 OR deflect\$4 OR flex\$4) NEAR20 electro\$1static\$4 NEAR20 (oxygen\$4 OR oxidiz\$4)	US-PGPUB; USPAT	OR	OFF	2006/06/19 10:09
S60	284	(deflect\$4 OR bend\$4 OR angle\$4 OR deform\$4 OR deflect\$4 OR flex\$4) NEAR20 hinge\$4 NEAR20 electro\$1static\$4	US-PGPUB; USPAT	OR	OFF	2006/06/19 10:08
S61	12	S60 AND (silicon\$4 NEAR20 oxidiz\$4)	US-PGPUB; USPAT	OR	OFF	2006/06/19 10:09
S62	7	silicon\$4 NEAR20 oxidiz\$4 NEAR20 (acetic ADJ acid\$4)	US-PGPUB; USPAT	OR	OFF	2006/06/19 16:38

## EAST Search History

S63	50	((("5548443") or ("5583688") or ("6204085") or ("5991066") or ("6028690") or ("6031657") or ("6191883") or ("6147790") or ("6195301") or ("5226099") or ("5535047") or ("5552924") or ("5631782") or ("5650881") or ("5696619") or ("5703728") or ("5784212") or ("5808780") or ("6266178") or ("6285490") or ("6323982") or ("6329967") or ("6447126") or ("6469821") or ("6906848") or ("7034982") or ("5389182") or ("5445559") or ("5453778") or ("5605489") or ("5706123") or ("5768007") or ("4428590") or ("5331454") or ("5411769") or ("5506171") or ("5600383") or ("5602671") or ("5699181") or ("5936760") or ("6128121") or ("5444566") or ("5567334") or ("5581272") or ("5614921") or ("6271955") or ("6452712") or ("5285196") or ("5382961") or ("5633755"))).PN.	USPAT	OR	OFF	2006/06/19 16:39
S64	19	("20030214639"   "20030218753"   "20030223084"   "20040008402"   "20040042000"   "20040125346"   "20040156090"   "20050168795"   "20050174626"   "5411769"   "5426070"   "5835256"   "6046840"   "6088474"   "6204085"   "6300294"   "6523961"   "6529310"   "6867897").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 16:53